

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau

INTERNATIONAL BUREAU OF  
INTELLECTUAL PROPERTY  
3, rue de la Harpe  
CH-1001 Nyon  
Suisse

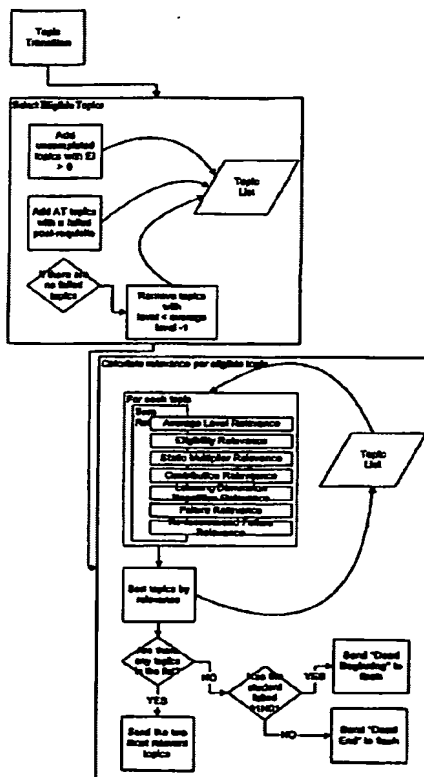
(43) International Publication Date  
21 October 2004 (21.10.2004)

PCT

(10) International Publication Number  
**WO 2004/090834 A2**

- (51) International Patent Classification<sup>7</sup>: **G09B**
- (21) International Application Number: **PCT/US2004/010222**
- (22) International Filing Date: **2 April 2004 (02.04.2004)**
- (25) Filing Language: **English**
- (26) Publication Language: **English**
- (30) Priority Data:  
**60/459,773** **2 April 2003 (02.04.2003)** **US**
- (71) Applicant (for all designated States except US): **PLAN-ETH USA INC. [US/US]; 560 S. Winchester Blvd., Suite 305, San Jose, CA 95128 (US).**
- (72) Inventors: **CHENG, Lewis; San Jose, CA 95126 (US). KONG, Bella; San Jose, CA 95126 (US). NG, Jason; San Jose, CA 95126 (US). LEE, Simon; San Jose, CA 95126 (US). LEVINE, Joshua; San Jose, CA 95126 (US).**
- (74) Agents: **SAMUEL, Richard, I. et al.; Goodwin Procter LLP, 103 Eisenhower Parkway, Roseland, NJ 07068 (US).**
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): **AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.**
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): **ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK,**

[Continued on next page]

(54) Title: **ADAPTIVE ENGINE LOGIC USED IN TRAINING ACADEMIC PROFICIENCY**

(57) Abstract: The present invention is an intelligent, adaptive system that takes in information and reacts to the specific information given to it, using a set of predefined heuristics. Therefore, each individual's information (which can and is unique) will feed the engine, and then provide a unique experience to that individual. One embodiment of the present invention discussed herein focuses on Mathematics however the invention is not limited thereby as the same logic can be applied to other academic subjects.